

Figure 15.—Standardized high flow exceedence curves for Kalamazoo and Rabbit rivers within the mouth mainstem segment. Standardized discharge is the discharge (Q)/ median (50% Q) discharge. Exceedence curves represent the probability of a discharge exceeding a given value. Data from United States Geological Survey gauge stations for period of record.

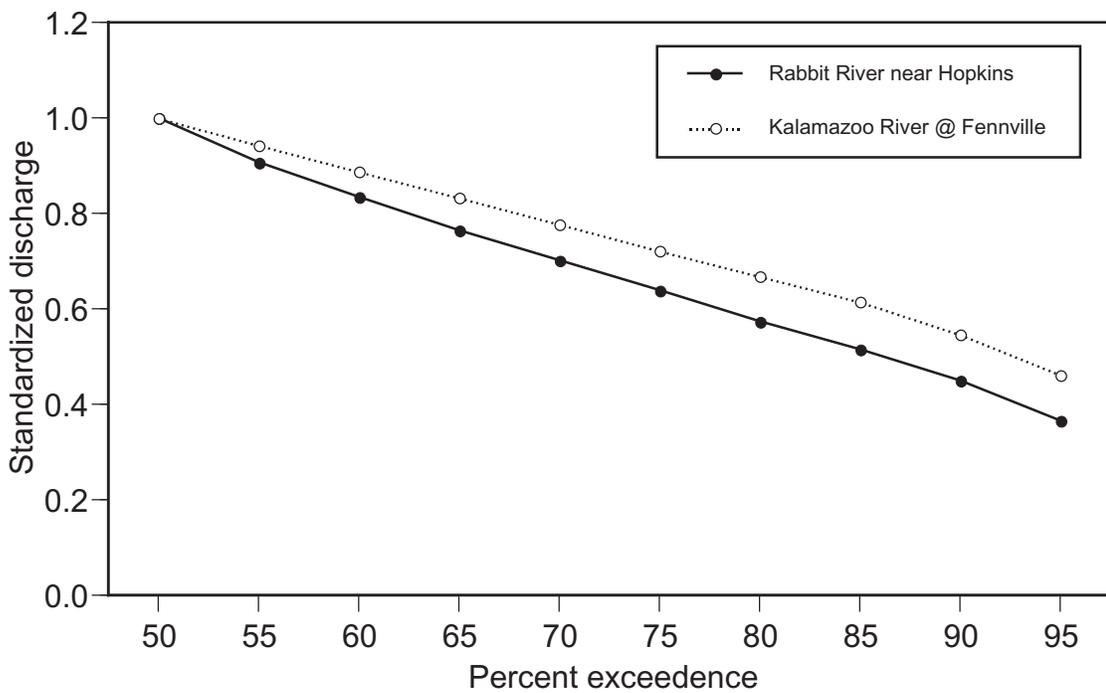


Figure 16.—Standardized low flow exceedence curves for Kalamazoo and Rabbit rivers within the mouth mainstem segment. Standardized discharge is the discharge (Q)/ median (50% Q) discharge. Exceedence curves represent the probability of a discharge exceeding a given value. Data from United States Geological Survey gauge stations for period of record.

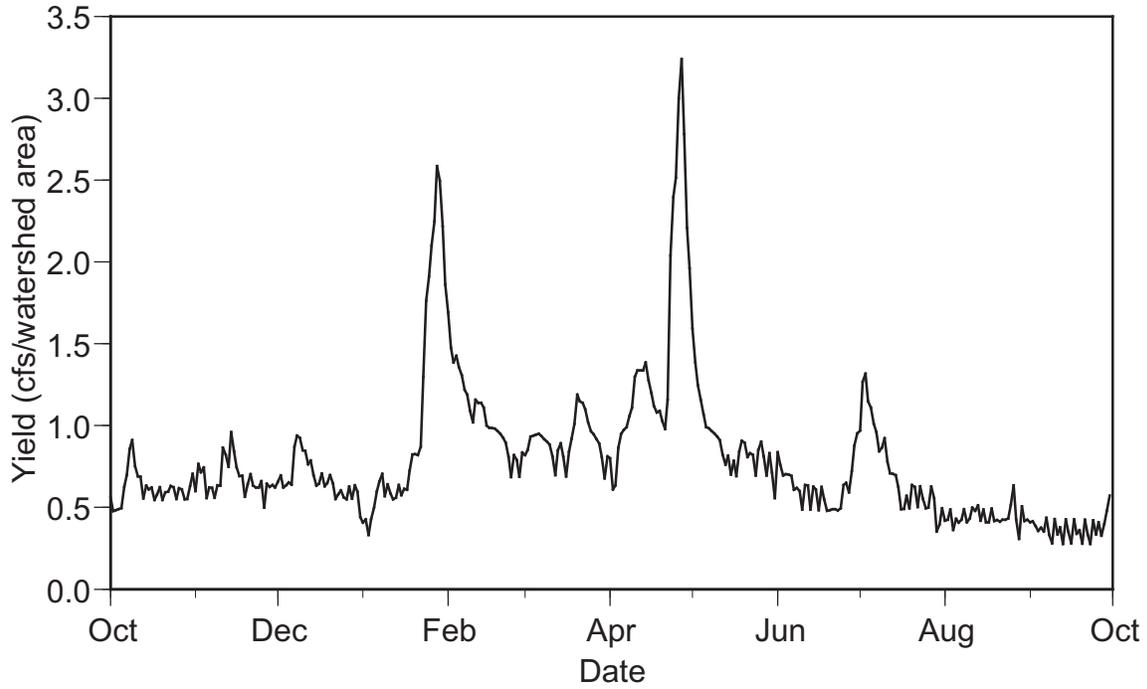


Figure 17.—Kalamazoo River yield at Comstock near Kalamazoo for water year 1999. Data from United States Geological Survey.

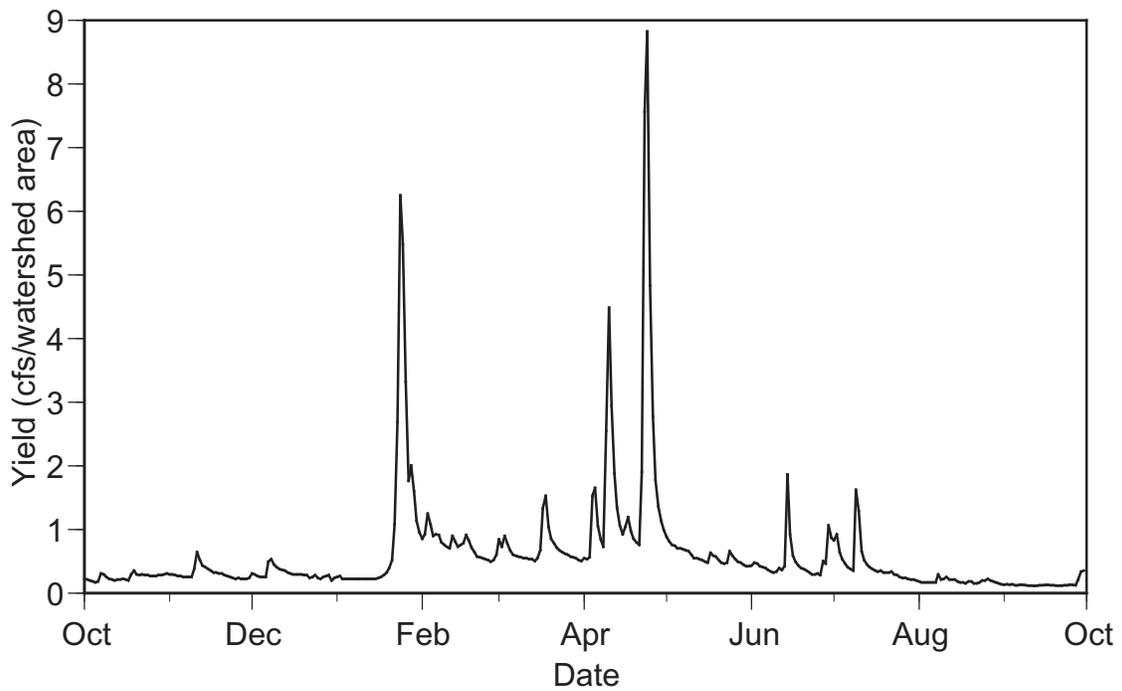


Figure 18.—Rabbit River yield at Hopkins for water year 1999. Data from United States Geological Survey.

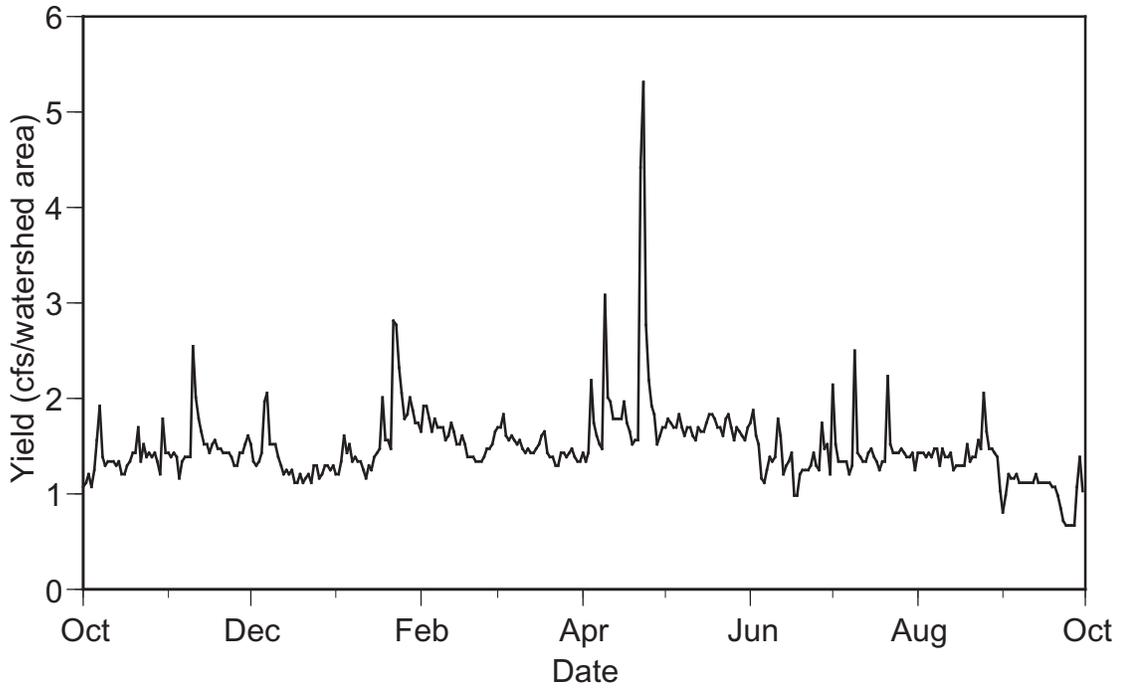


Figure 19.—Portage Creek yield at Kalamazoo for water year 1999. Data form United States Geological Survey.

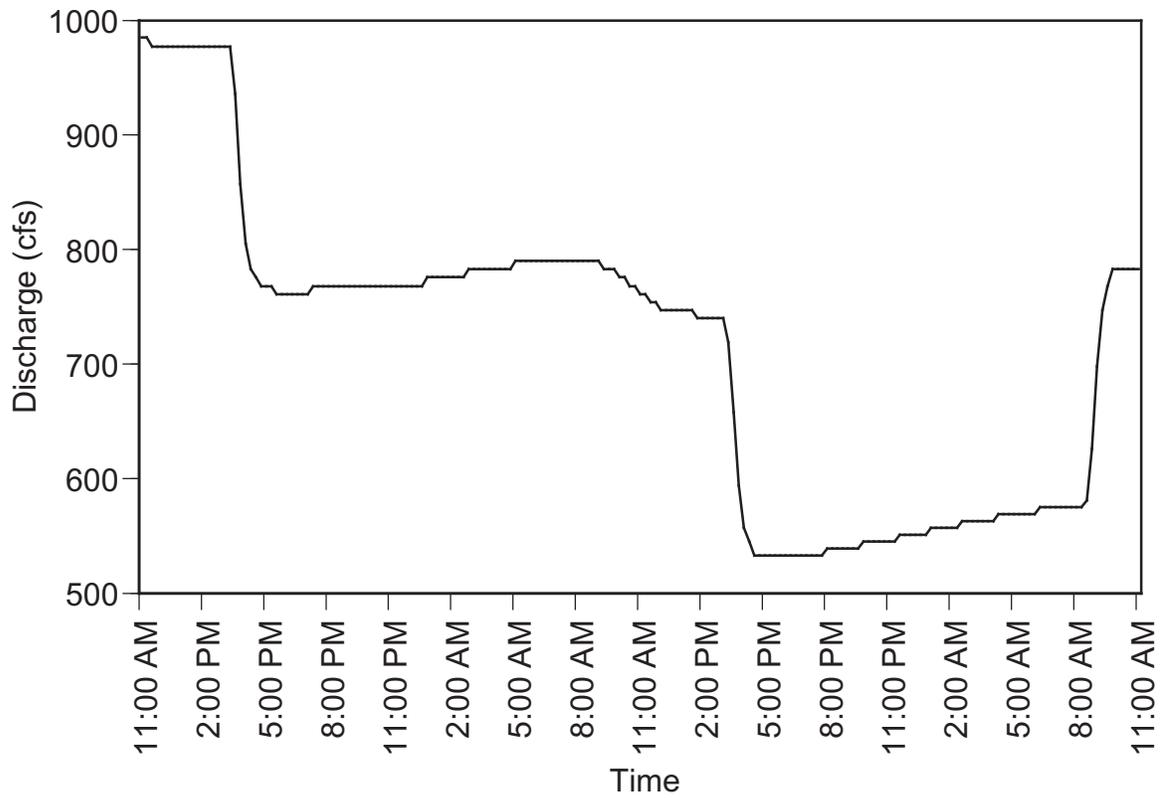


Figure 20.—Instantaneous discharge of Kalamazoo River at Comstock below Morrow Dam from January 8th to January 10th, 2001. Data from United States Geological Survey.

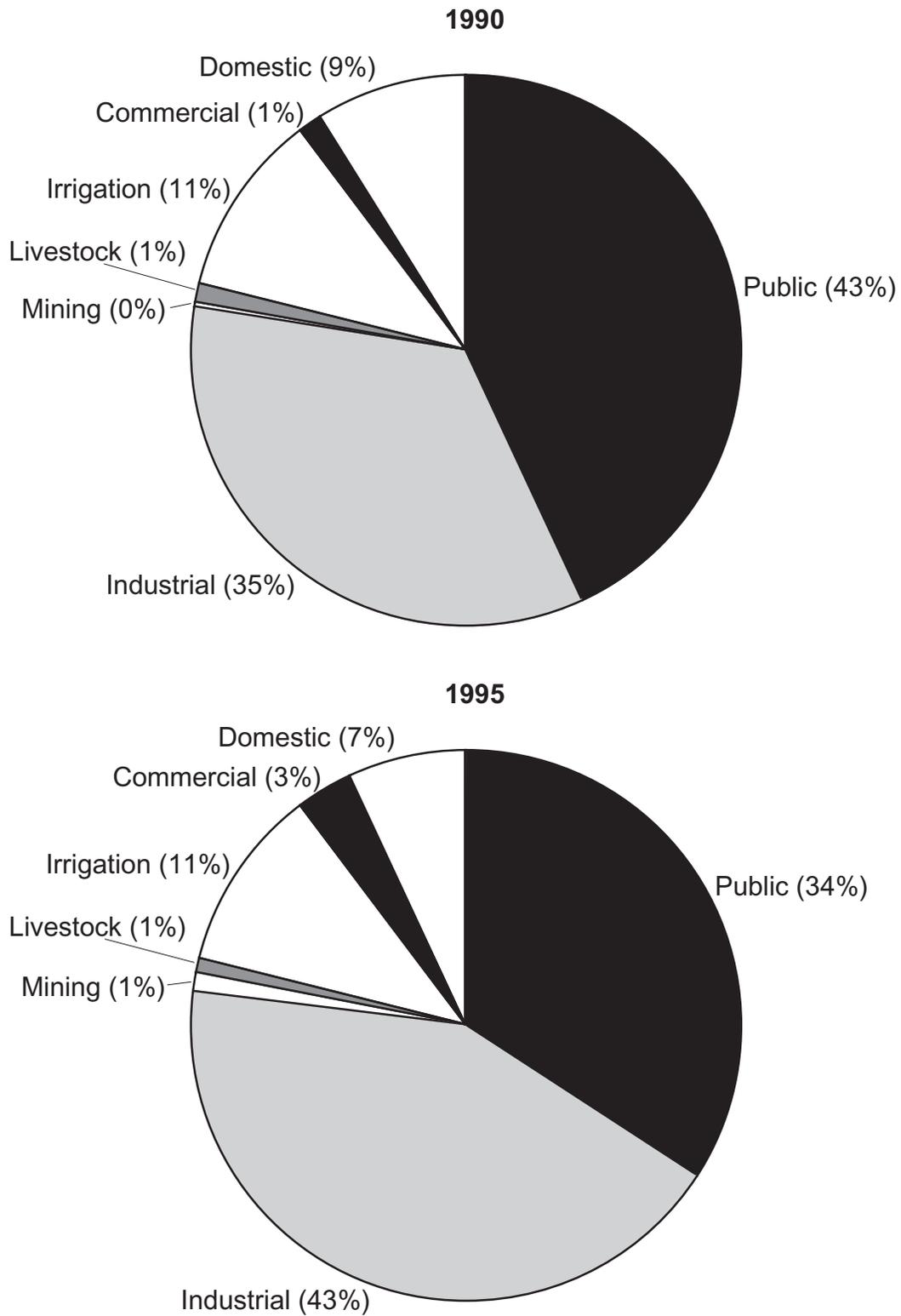


Figure 21.—Water use in the Kalamazoo River watershed for 1990 and 1995 (USGS 1990; Solley et al. 1995).

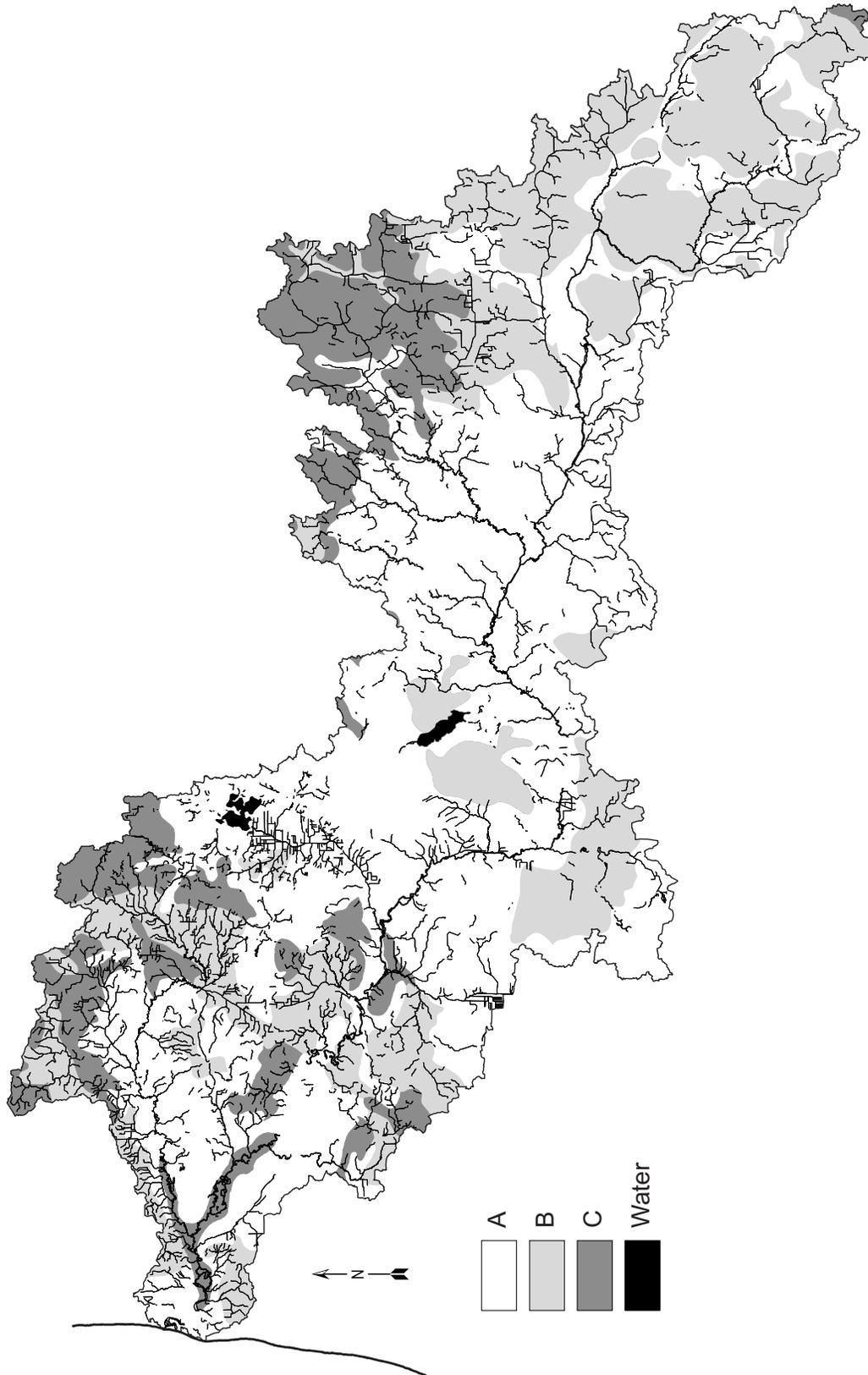


Figure 22.—Soil groups in Kalamazoo River Basin. Group A (sandy, loamy sand, or sandy loam); Group B (silt loam or loam); Group C (clay loam, silty clay loam, sandy clay, silty clay, or clay); Group W (large water bodies).

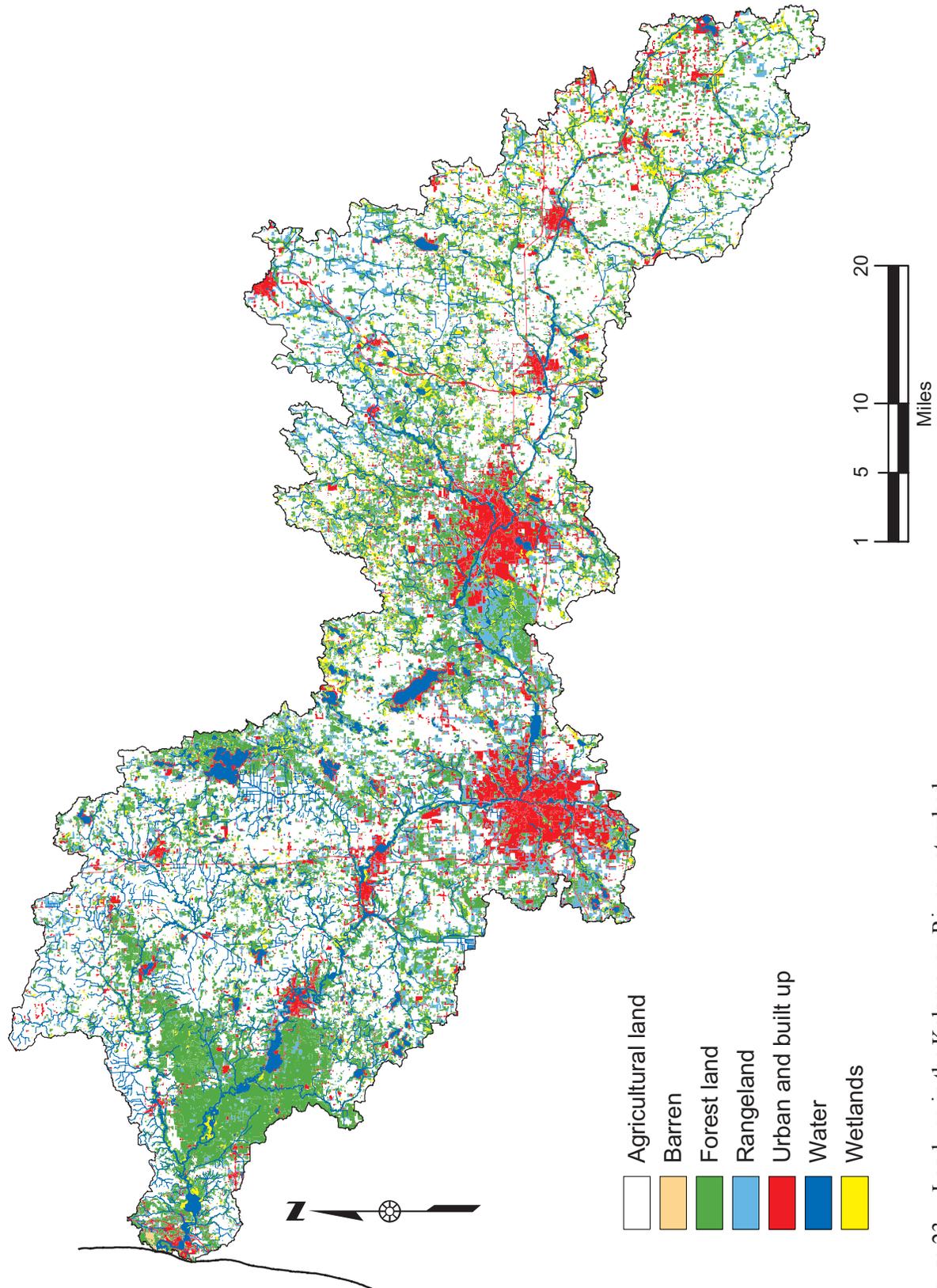


Figure 23.—Land use in the Kalamazoo River watershed.

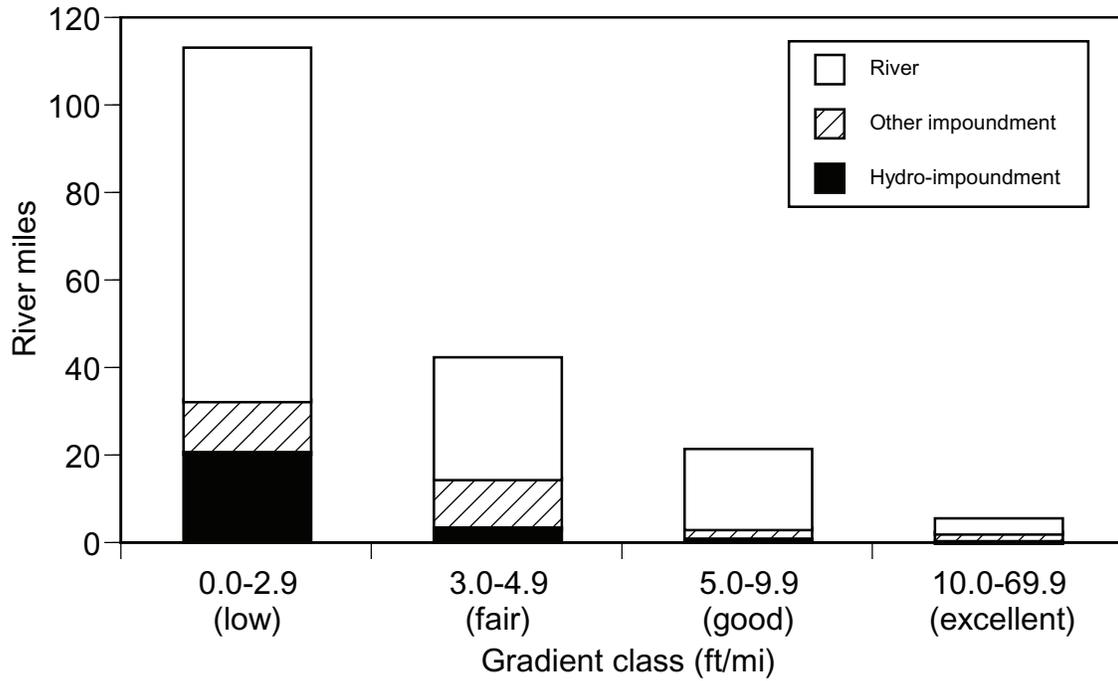


Figure 24.—Gradient classes and length of river in each, separated by water type, for the Kalamazoo River. Fish habitat rankings in parenthesis. Data from: Michigan Department of Natural Resources, Fisheries Division.

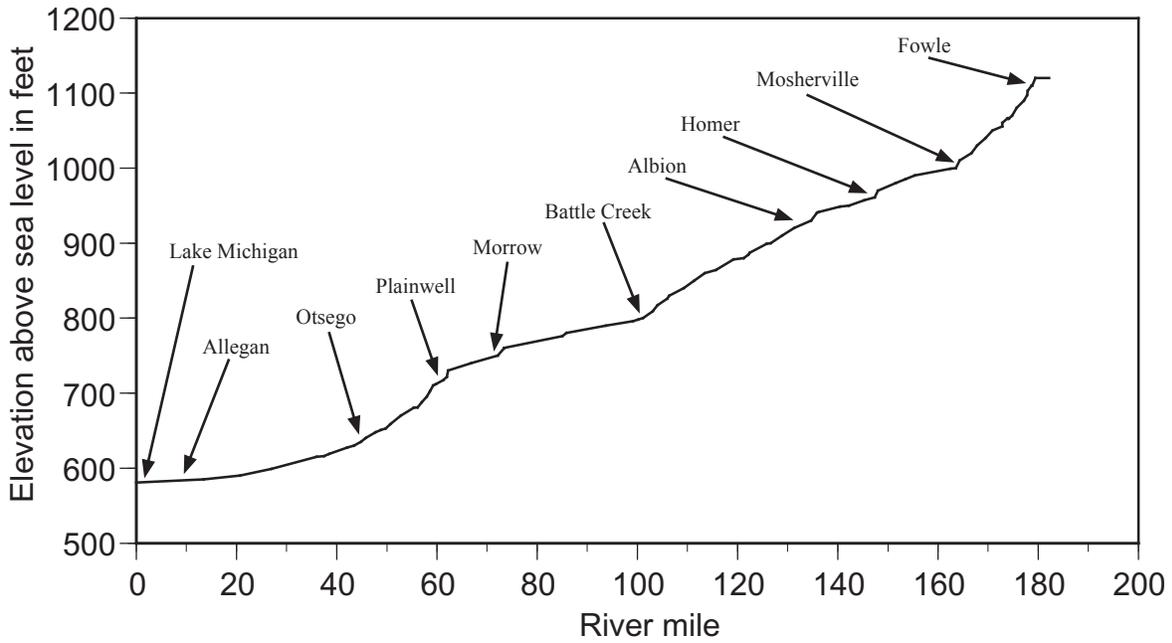


Figure 25a.—Elevation changes, by river mile, from headwaters to the mouth of the Kalamazoo River. Data from: Michigan Department of Natural Resources, Fisheries Division.

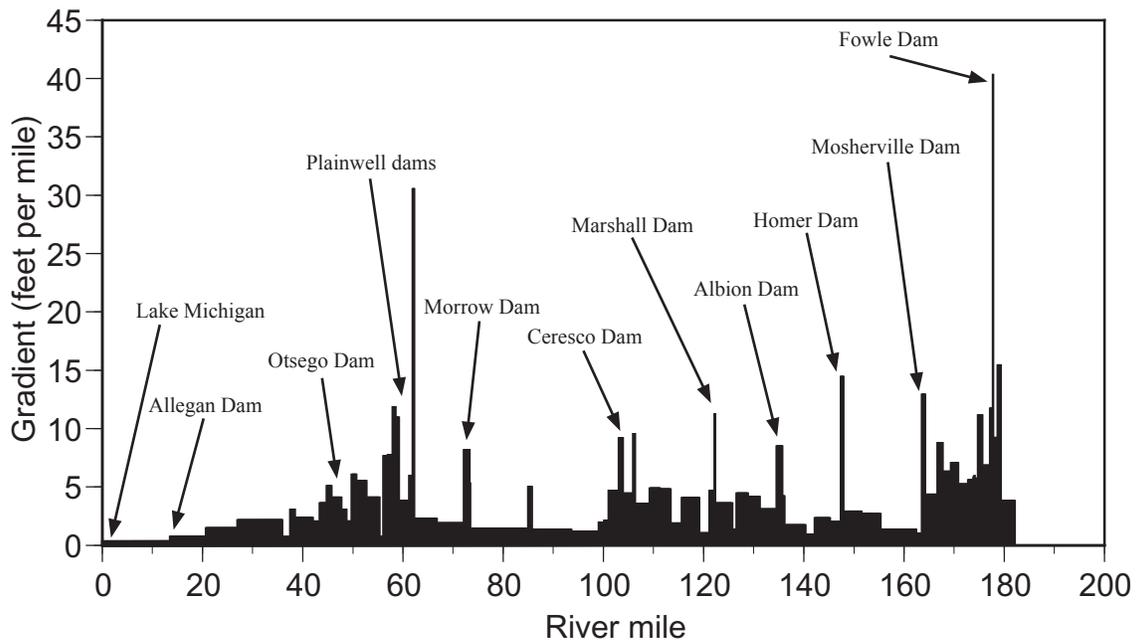


Figure 25b.—Gradient (elevation change in feet per mile) of the Kalamazoo River. Gradient is shown without existing dams. Data from: Michigan Department of Natural Resources, Fisheries Division.

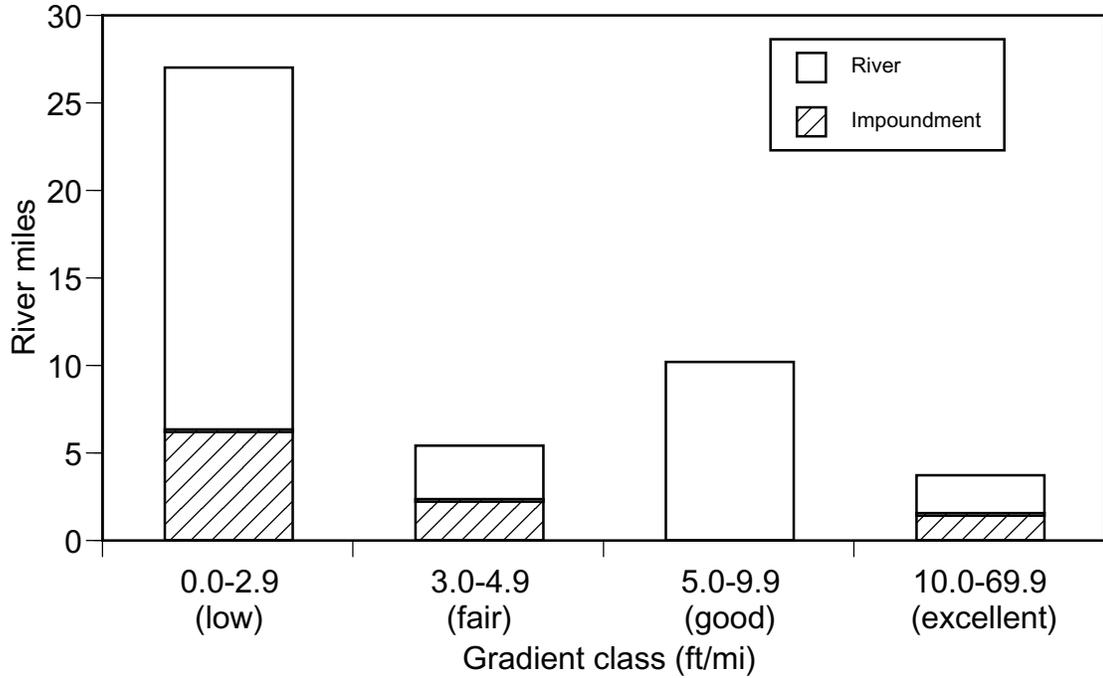


Figure 26a.—Gradient classes and length of river in each separated by water type, for the headwater segment of the Kalamazoo River. Fish habitat rankings in parenthesis. Data from: Michigan Department of Natural Resources, Fisheries Division.

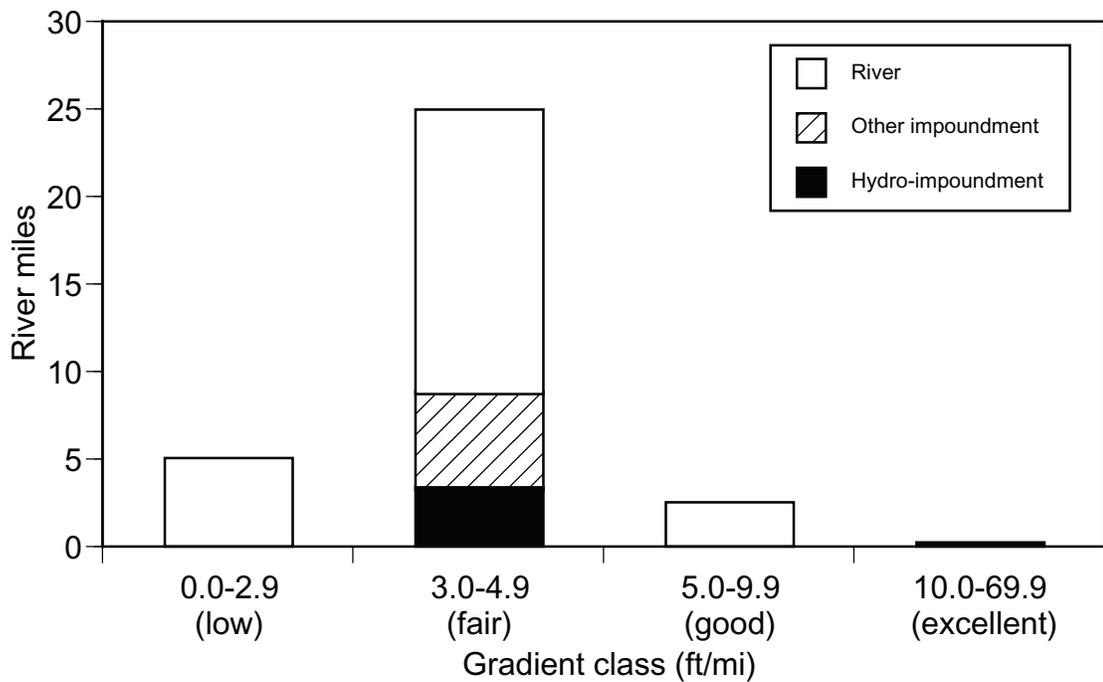


Figure 26b.—Gradient class and length of river in each, separated by water type, for the upper segment of the Kalamazoo River. Fish habitat rankings in parenthesis. Data from: Michigan Department of Natural Resources, Fisheries Division.

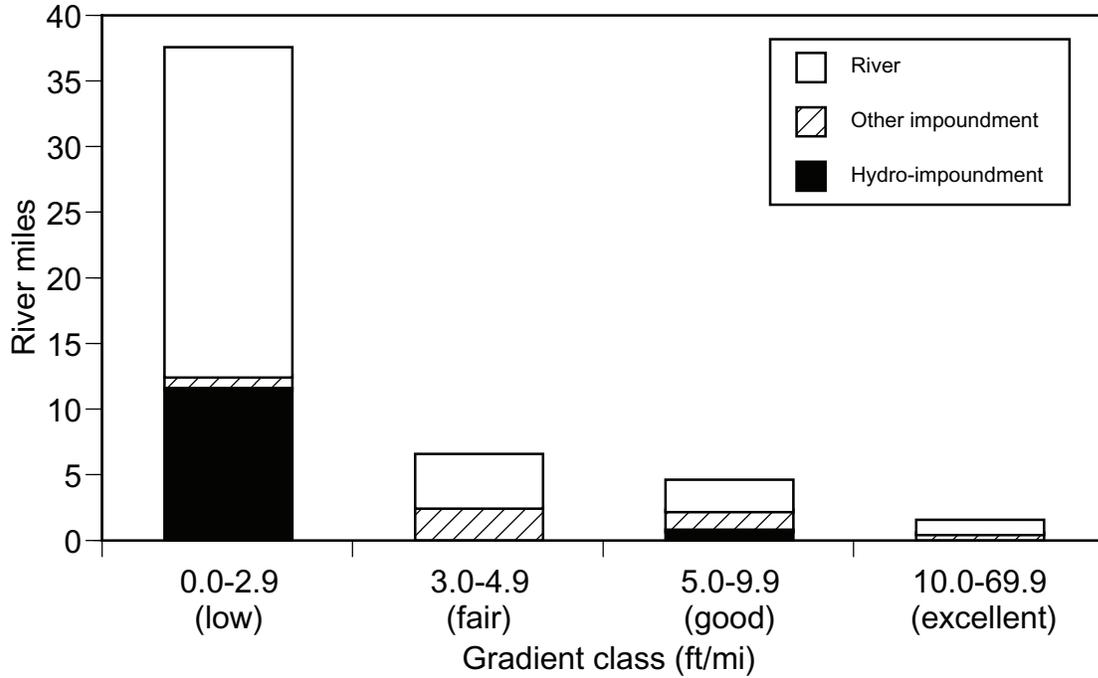


Figure 27a.—Gradient classes and length of river in each separated by water type, for the middle segment of the Kalamazoo River. Fish habitat rankings in parenthesis. Data from: Michigan Department of Natural Resources, Fisheries Division.

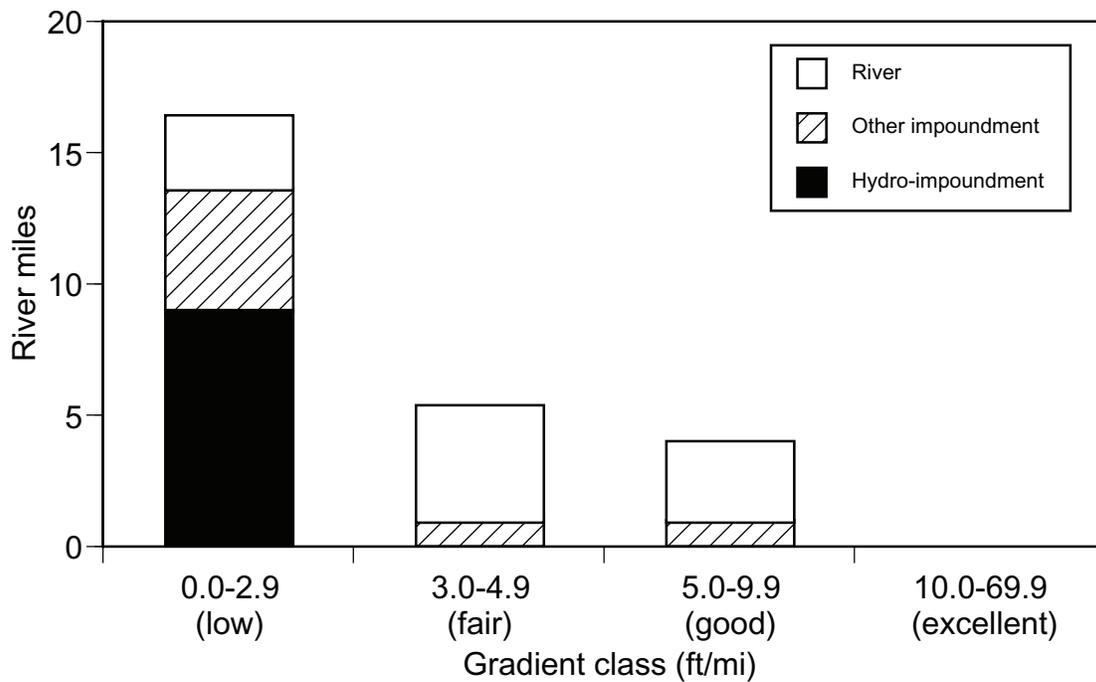


Figure 27b.—Gradient class and length of river in each, separated by water type, for the lower segment of the Kalamazoo River. Fish habitat rankings in parenthesis. Data from: Michigan Department of Natural Resources, Fisheries Division.

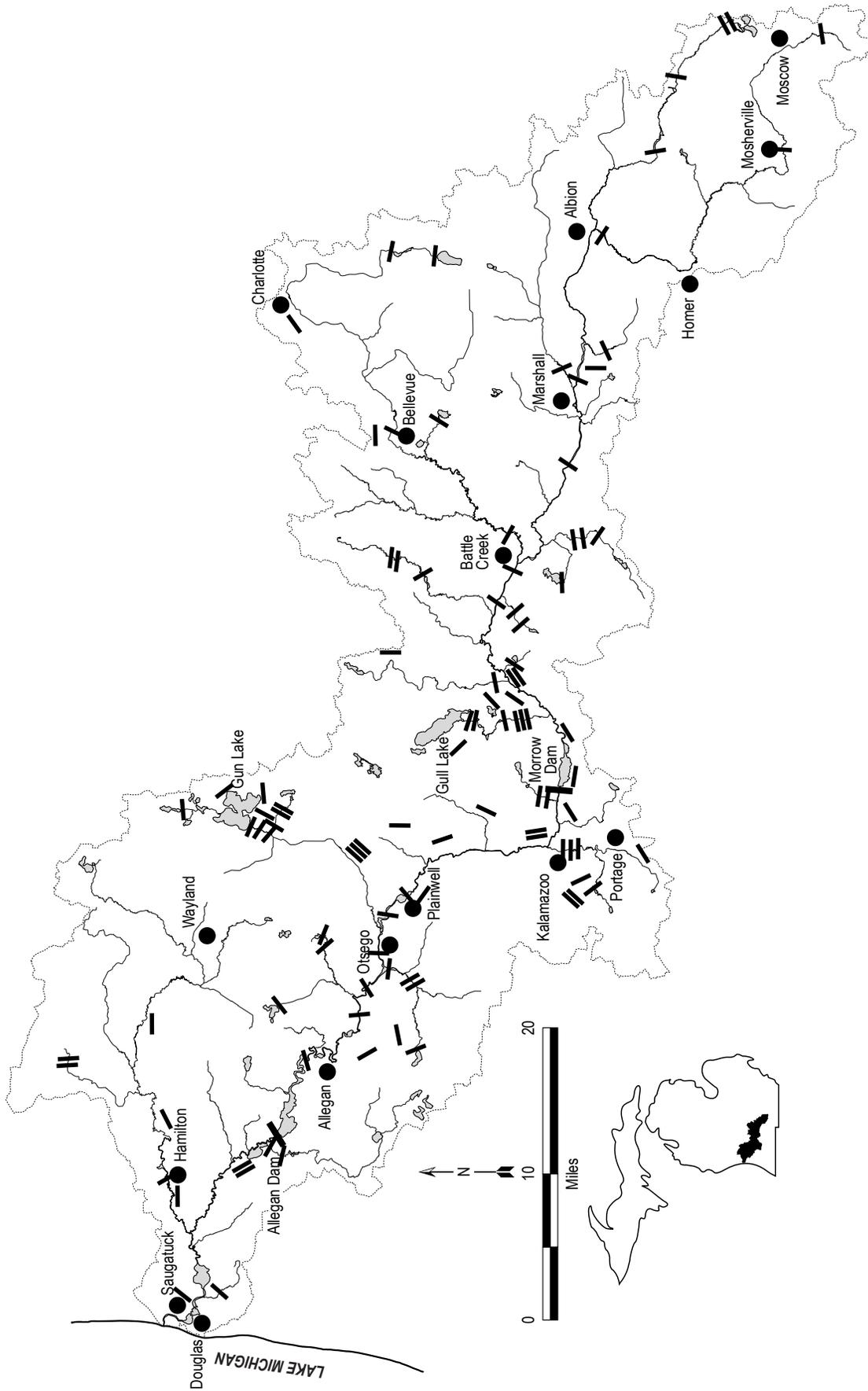


Figure 28.—Approximate locations of major dams (111) in Kalamazoo River watershed.

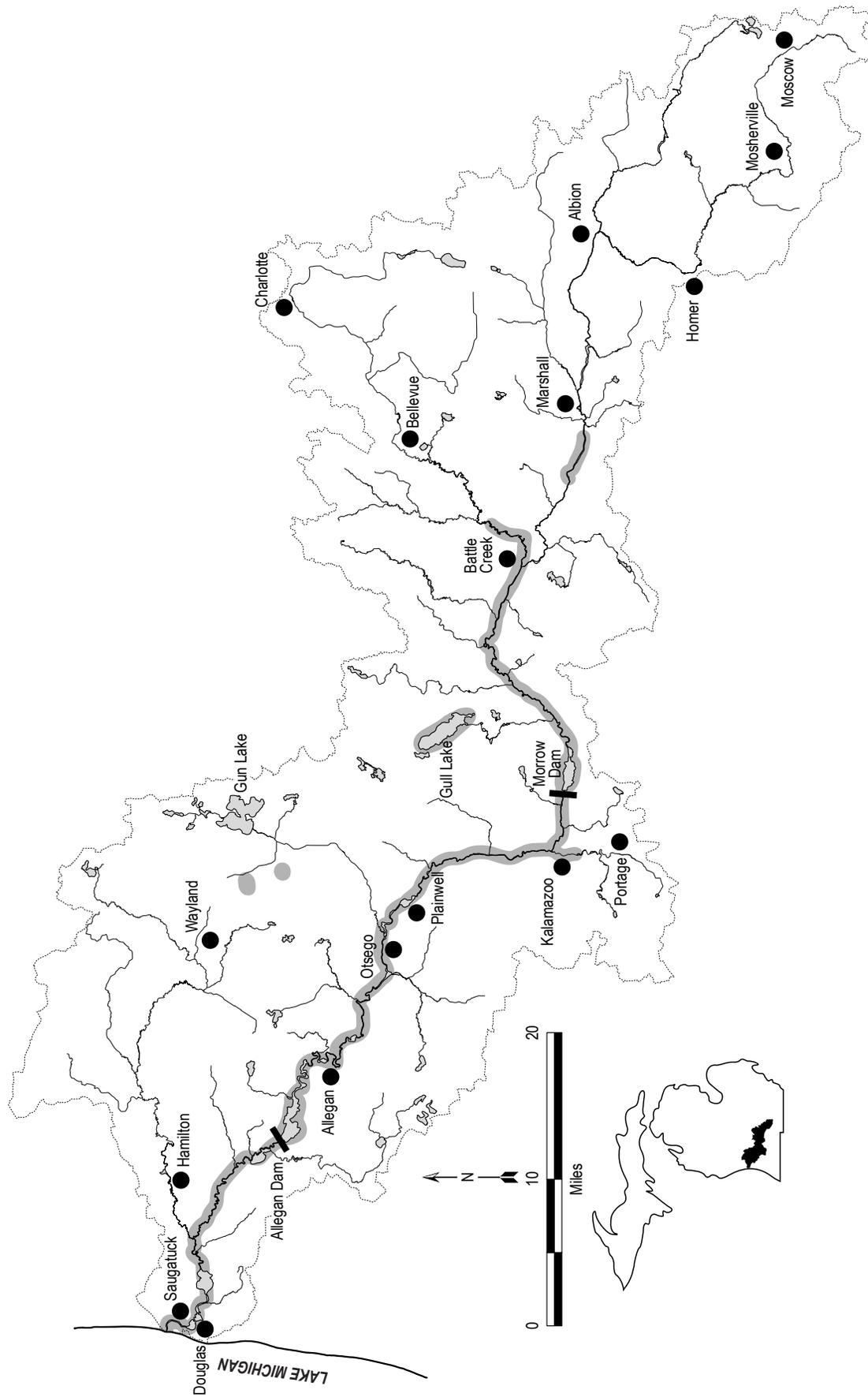


Figure 29.—Reaches in Kalamazoo River with fish consumption advisories. Data from Michigan Department of Community Health.

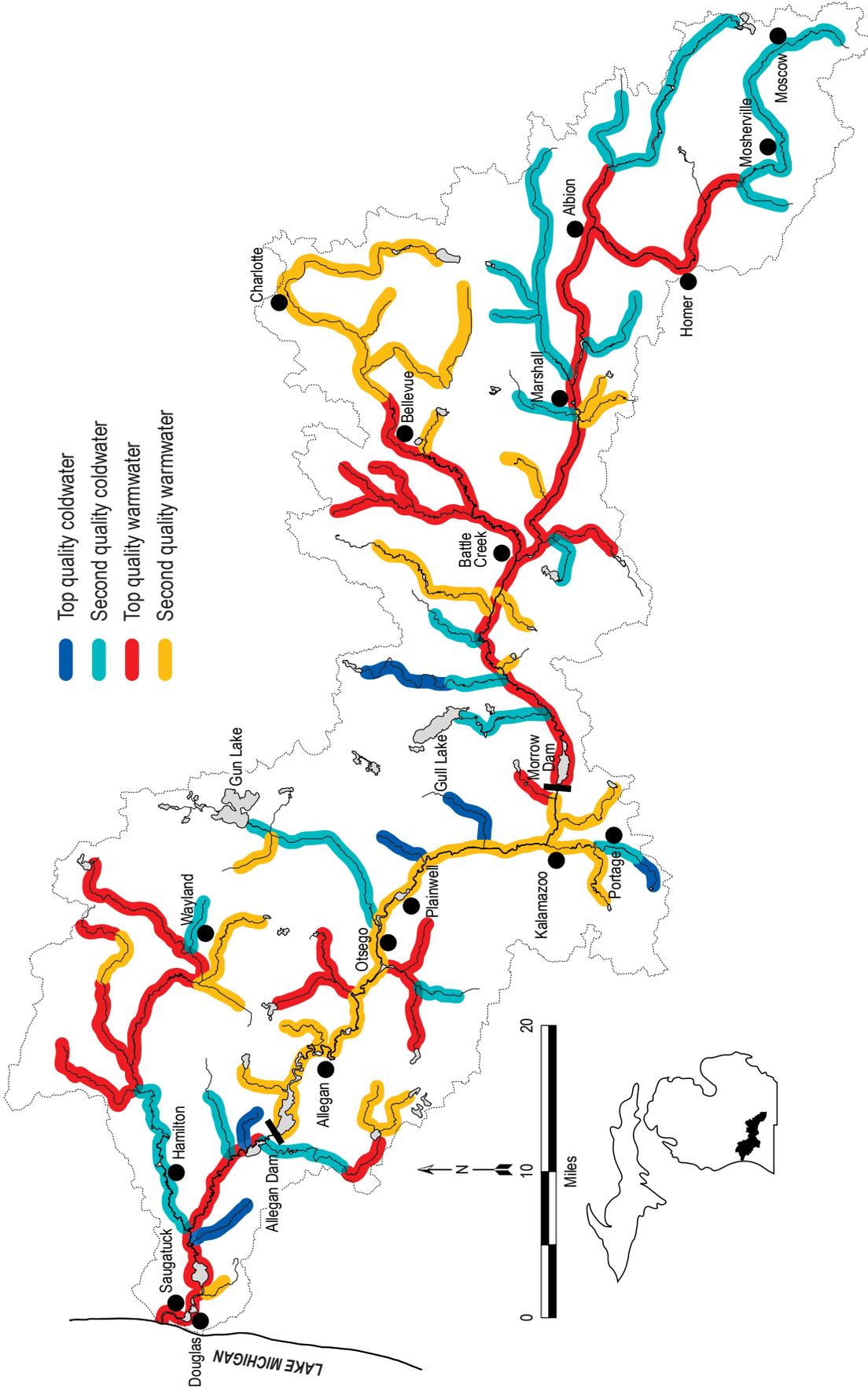


Figure 30.—Michigan Department of Natural Resources, Fisheries Division, stream classifications, 1964.

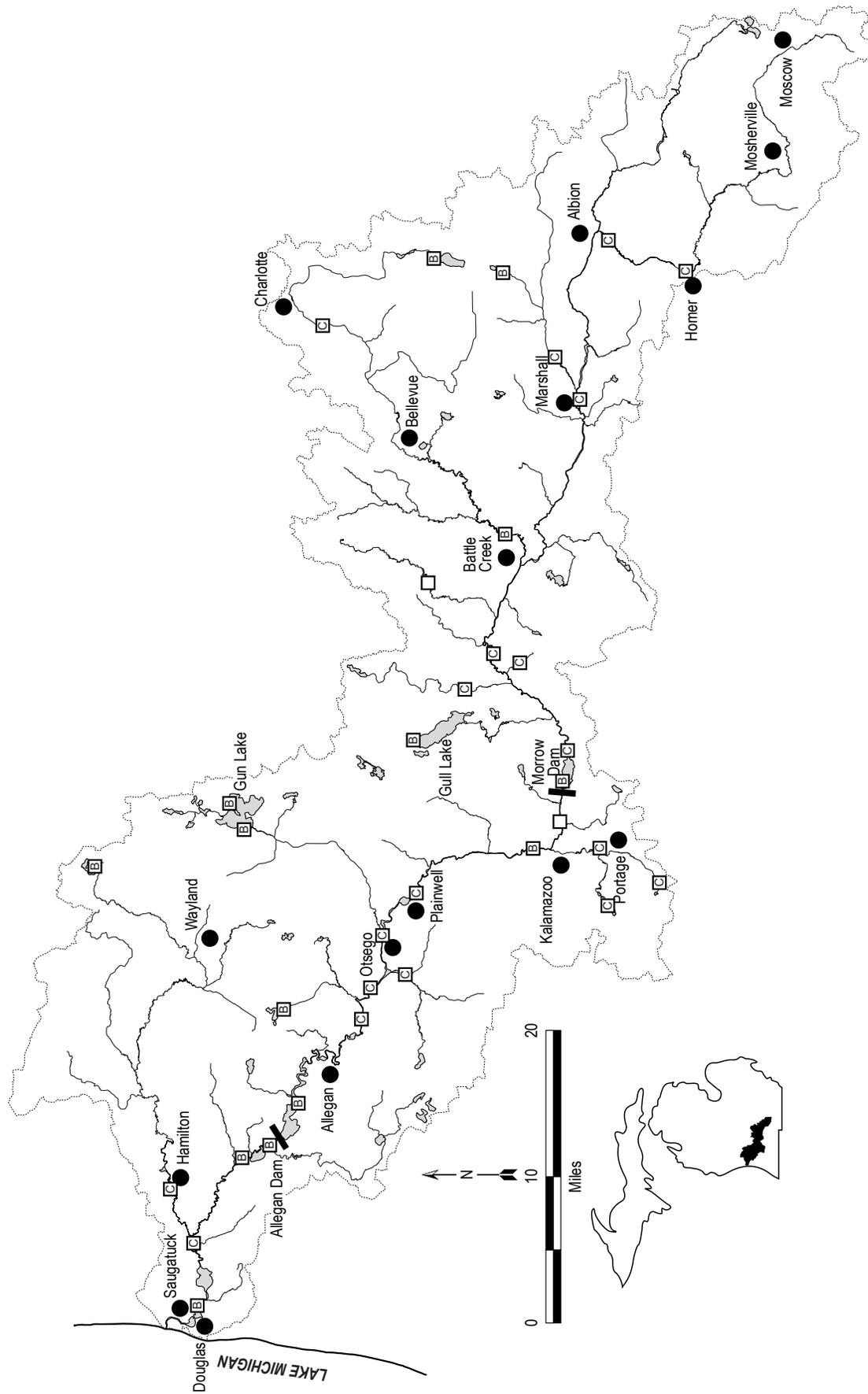


Figure 31.—Canoe and boat launches in Kalamazoo River watershed. Letters in squares: B = Boat and C = Canoe.

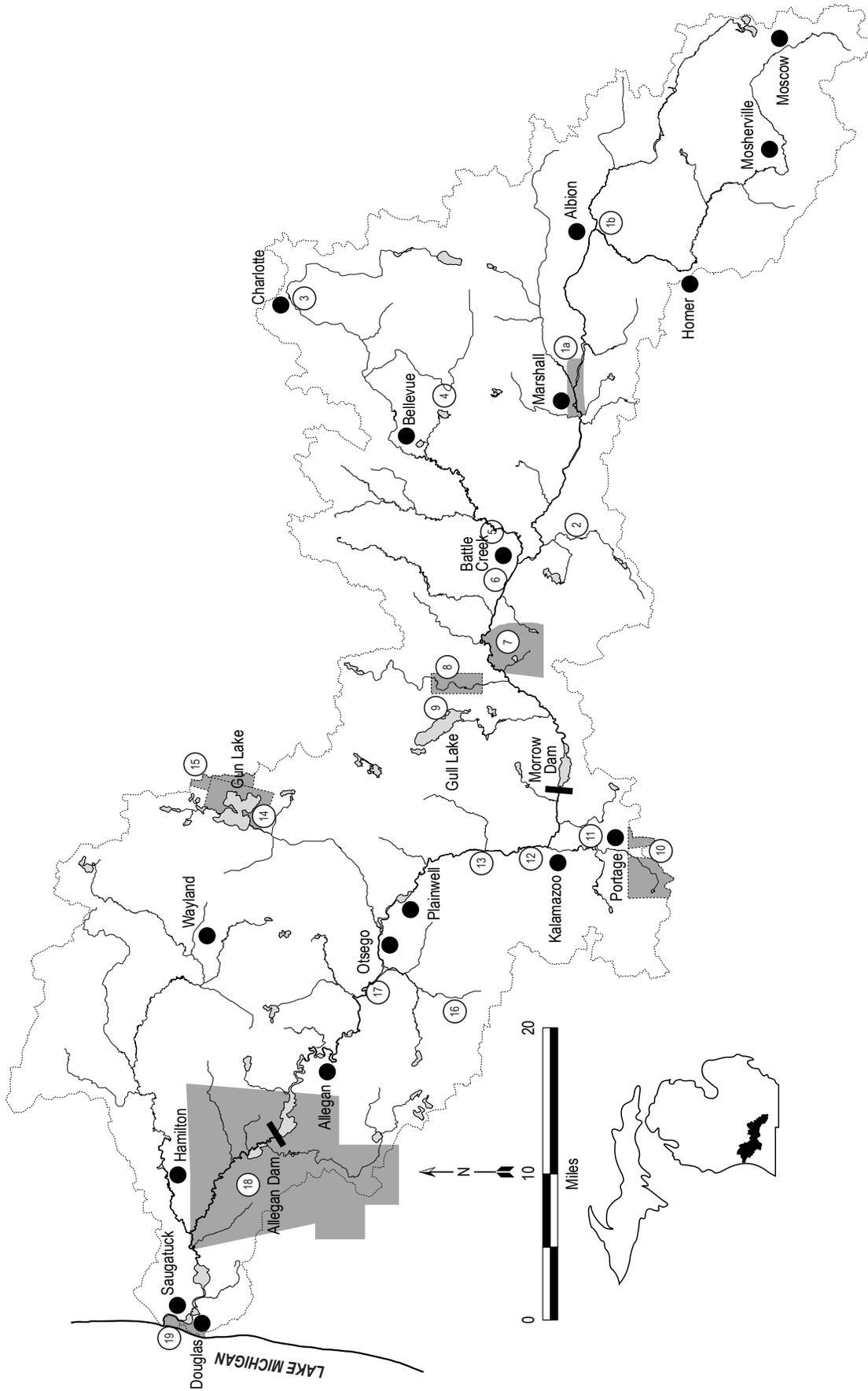


Figure 32.—Major areas of recreational access and use in the Kalamazoo River watershed.

- 1a. City of Marshall River Walk and Ketchum Park
- 1b. Victory Park
2. Binder Park Zoo
3. Veterans Memorial Park
4. Bernard W. Baker Sanctuary
5. Bailey Park
6. Leila Arboretum
7. Fort Custer State Recreation Area
8. Augusta Creek Fish and wildlife Area
9. Kellogg Bird Sanctuary
10. Northern portion Gourdneck State Game Area
11. Milham Park
12. Markin Glenn County Park
13. Kalamazoo Nature Center
14. Yankee Springs State Game Area and Park
15. Western portion Barry State Game Area
16. Timber Ridge Ski Area
17. Bitter Sweet Ski Area
18. Allegan State Game Area
19. Oval Beach